



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB KIT 407M-29 Job Sheet 189693



Part No: RB KIT 407M-29

Job Qty: 10 pcs

Part Name: Gauge Pin .1800" dia.



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/29/19

Job Tracking No:

Due Date: 2/22/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG RB KIT 407M REV.D IPP REV A 18.01.29 NEW ISSUE RQ VERIFIED BY DP/IPP Rev B 18.03.08 DWG update Rev. C DP Verify DD/IPP Rev. C 19.01.24 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
90	Purchasing	10 pcs	2/22/19	2/22/19	0.00	0.00	Purchasing - 1 Purchasing - 2 Purchasing - 3	FEB 26 2019
95	Packaging 2-1 - Receive - B4B	10 pcs	2/22/19	2/22/19	0.00	0.00	Packaging 2 - 1 - B4B Packaging 2 - 2 - B4B Packaging 2 - 3 - B4B Packaging 2 - 5 - B4B Packaging 2 - 4 - B4B Packaging 2 - 6 - B4B Packaging 2 - 7 - B4B Packaging 2 - 8 - B4B Packaging 2 - 9 - B4B Packaging 2 - 10 - B4B Packaging 2 - 11 - B4B Packaging 2 - 12 - B4B Packaging 2 - 13 - B4B Packaging 2 - 14 - B4B Packaging 2 - 15 - B4B Packaging 2 - 16 - B4B Packaging 2 - 17 - B4B Packaging 2 - 18 - B4B Packaging 2 - 19 - B4B Packaging 2 - 20 - B4B Packaging 2 - 21 - B4B Packaging 2 - 22 - B4B Packaging 2 - 23 - B4B Packaging 2 - 24 - B4B Packaging 2 - 25 - B4B Packaging 2 - 26 - B4B Packaging 2 - 27 - B4B	FEB 26 2019

Dart Aerospace Ltd.
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S156846



Part: RB KIT 407M-29

Job No: 189693

Serial No/Batch: S156846

Revision: D

Inspector:

Exp Date:

Instructions:

Date: 02/26/19

Plex 2/26/19 3:51 PM Dart.Hadley.Shannon

					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
100	QC 6	10 pcs	2/22/19	0.00 0.00	QC 6 - 42	
					QC 6 - 9	
					QC 6 - 68	DAS FEB 28 2019 68
					QC 6 - 61	9-89
110	Small Fab - 2 - B4B	10 pcs	2/22/19	0.00 1.25	Small Fab - 1 - B4B	
					Small Fab - 2 - B4B	MCC
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
120	QC 5	10 pcs	2/22/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 42	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	DAS
					QC 5 - 68	MAR 06 2019 68
					QC 5 - 9	9-89
					QC 5 - 50	
					QC 5 - 30	
130	Packaging 3-1 - Stock - B4B	10 pcs	2/22/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	DAS
					Packaging 3 - 6 - B4B	28
					Packaging 3 - 7 - B4B	9-89
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	

				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	10 pcs	2/22/19	0.00 0.00	QC 21 - SA - 21	Dec 21
				QC 21 - SA - 70	9-50
				QC 21 - SA - 53	9-50
Part Op 90 - Purchasing Descriptions: 95 - Receive & Inspect for Damage & Mat'l Certs 100 - QC6- All purchased or subcontracted products 110 - Small Fab - 1-Cut pin in half. 2-Deburr 3-Put pin in small sealable plastic bag with a small amount of LPS 2 to prevent corrosion. 4-Package as per note 10. 120 - QC5- Inspect part completeness to step on W/O 130 - Identify as per dwg & Stock Location: _____ 140 - QC21- Final Inspection - Work Order Release					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
21135A54	Plug Gauge	5 Ea (.5 ea)	90-Purchasing	5156845	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
90-Purchasing	21135A54	5	83	0	
Part Specifications					
Specifications could not be found.					

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RB KIT 407M-29
Job Sheet 189693



Part No: RB KIT 407M-29

Job Qty: 10 ea

Part Name: Gauge Pin .1800" dia.



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/29/19

Job Tracking No:

Due Date: 2/22/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG RB KIT 407M REV.D IPP REV A 18.01.29 NEW ISSUE RQ VERIFIED BY DP/IPP Rev B 18.03.08 DWG update Rev. C DP Verify DD/IPP Rev. C 19.01.24 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Purchasing	10 pcs		2/22/19	0.00	0.00	Purchasing	20042435	
95	Packaging	10 pcs		2/22/19	0.00	0.00	Packaging2		
100	QC	10 pcs		2/22/19	0.00	0.00	QC6		
110	Small Fab	10 pcs		2/22/19	0.00	1.25	Small Fab-6		
120	QC	10 pcs		2/22/19	0.00	0.00	QC5		
130	Packaging	10 pcs		2/22/19	0.00	0.00	Packaging3		
140	QC21-SA	10 Ea		2/22/19	0.00	0.00	QC21		

Part Op 110 - 1-Cut pin in half. 2-Deburr 3-Put pin in small sealable plastic bag with a small amount of LPS 2 to prevent corrosion.
Descriptions: 4-Package as per note 10.

CT x10 19-01-29

Job BOM

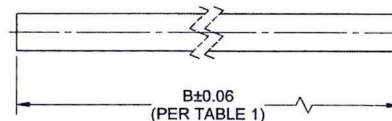
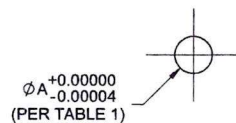
Part / Item	Component Name	Quantity	Operation	Container
21135A54	Plug Gauge	5 Ea (.5 ea)	90-Purchasing	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Purchasing	21135A54	5	26	0

Part Specifications

Specifications could not be found.



**TABLE 1
GAUGE PIN DIMENSIONS**

PART NUMBER	ØA	B	PURCHASE PART NUMBER (McMASTER CARR)
RB KIT 407M-01	Ø.02400	1.00"	21135A52 OR EQUIV.
RB KIT 407M-03	Ø.04000	1.00"	21135A53 OR EQUIV.
RB KIT 407M-05	Ø.05400	1.00"	21135A53 OR EQUIV.
RB KIT 407M-07	Ø.06000	1.00"	21135A53 OR EQUIV.
RB KIT 407M-09	Ø.08000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-11	Ø.09600	1.00"	21135A54 OR EQUIV.
RB KIT 407M-13	Ø.10800	1.00"	21135A54 OR EQUIV.
RB KIT 407M-15	Ø.12000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-17	Ø.14400	1.00"	21135A54 OR EQUIV.
RB KIT 407M-19	Ø.14400	0.25"	21135A54 OR EQUIV.
RB KIT 407M-21	Ø.16000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-23	Ø.16000	0.25"	21135A54 OR EQUIV.
RB KIT 407M-25	Ø.17280	1.00"	21135A54 OR EQUIV.
RB KIT 407M-27	Ø.17280	0.25"	21135A54 OR EQUIV.
RB KIT 407M-29	Ø.18000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-31	Ø.19200	1.00"	21135A55 OR EQUIV.

RB KIT 407M-01 THRU -31 Ø.XXXX, CLASS X PLUG NO-GO GAUGE

NOTES:

1) MATERIAL: SEE TABLE 1 FOR MATERIAL SPECIFICATION

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: N/A

7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA TOOL PART # RB KIT 407M TITLE SPLINE MEASURING KIT COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	REV. D
DRAWN	MBB		SHEET 3 OF 8
CHECKED	KPT		SCALE
MFG. APPR.	DP		NTS
APPROVED	<i>[Signature]</i>		
DATE 1/17/2019			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042435



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO042435
PO Date: 1/29/19
Due Date: 2/21/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: 2% 10 Net 30
Freight Terms:
Special Comments:

E-MAILED

Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	189679	21135A52	✓		Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0240" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$22.59/Ea	\$225.90
Line Item Note: RB KIT 407M-01, 1 PIN MAKE 2 PCS													
2	189680	21135A53	✓		Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0400" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note: RB KIT 407M-03, 1 PIN MAKE 2 PCS													
3	189681	21135A53	✓		Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0600" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note: RB KIT 407M-07 1 PIN MAKE 2 PCS													



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PO042435



Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
4	189682	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0800" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-09 1 PIN MAKE 2 PCS													
5	189685	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0960" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-11 1 PIN MAKE 2 PCS													
6	189686	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1080" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-13 1 PIN MAKE 2 PCS													
7	189687	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1200" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-15 1 PIN MAKE 2 PCS													
8	189688	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1440" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-19 1 PIN MAKE 3 PCS													



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PURCHASE ORDER PO042435



Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9	189689	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1600" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-21 1 PIN MAKE 2 PCS													
10	189690	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1728" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-25 1 PIN MAKE 2 PCS													
11	189692	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1728" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-27 1 PIN MAKE 3 PCS													
12	189693	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1800" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-29 1 PIN MAKE 2 PCS													
13	189694	21135A55			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1920" / dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-31 1 PIN MAKE 2 PCS													



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PURCHASE ORDER PO042435



Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Grand Total:													\$1,906.30

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/29/19 3:24 PM dart.tsimiklis.chrisoula

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042435

Page 1 of 2

02/18/2019

Order Placed By
Chrisoula Tsimiklis

McMaster-Carr Number
7256422-04

Line	Product	Ordered	Shipped
3	21135A53 Class x Plug Gauge, NO-Go, 0.06" Size	10 Each	10 ✓
5	21135A54 Class X Plug No-Go Gauge, Size=.0960	10 Each	10 ✓
8	21135A54 Class X Plug No-Go Gauge, Size=.1440	10 Each	10 ✓
10	21135A54 Class X Plug No-Go Gauge, Size=.1728	10 Each	10 ✓
11	21135A54 Class X Plug No-Go Gauge, Size=.1728	10 Each	10 ✓
12	21135A54 Class X Plug No-Go Gauge, Size=.1800	10 Each	10 ✓
13	21135A55 Class X Plug No-Go Gauge, Size=.1920	10 Each	10 ✓

DAS
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9-89

Shipped separately from our Cleveland warehouse on 01/30

2	21135A53 Class x Plug Gauge, NO-Go, 0.04" Size	10 Each	6
2	21135A53 Class x Plug Gauge, NO-Go, 0.04" Size	10 Each	4
4	21135A54 Class X Plug No-Go Gauge, Size=.0800	10 Each	10
6	21135A54 Class X Plug No-Go Gauge, Size=.1080	10 Each	10
7	21135A54 Class X Plug No-Go Gauge, Size=.1200	10 Each	10
9	21135A54 Class X Plug No-Go Gauge, Size=.1600	10 Each	10

Shipped separately from our Chicago warehouse on 01/30

1	21135A52 Class x Plug Gauge, NO-Go, 0.024" Size	10 Each	10
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Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order

PO042435

Order Placed By

Chrisoula Tsimiklis

McMaster-Carr Number

7256422-04

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02/18/2019